

AMENDED CLAIMS

[received by the International Bureau on 07 July 2005 (07.07.05);
original claims 1-14 replaced by new claims 1-14 (4 pages)]

125 1. *Gym work-out equipment for the training of the chest, deltoids, trapeziums and triceps muscles supplied of a moveable bench, characterized to having a mobile system of arms, equipped of an universal bracket system for the equipment (dumb-bells, bars etc), having an assist horizontal movement (servomechanisms) and a vertical regulation, that, with a mechanicals, hydraulics, electrics or pneumatics commands activables by the user through rods, pedals, switchs or push buttons, allows the positioning of the equipment to the beginning of the exercise withdrawal of the same one to the end without changing position of the user, limiting efforts which often at the end of an exercise when an athlete is tired can cause inflammation and personal injury, not to mention psychological stress due to muscle strain.*

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2. *Gym work-out equipment for the training of the chest, deltoids, trapeziums and triceps muscles supplied of a moveable bench, as claimed in claim 1, characterized to being equipped of a mobile system of arms, having an assist horizontal movement (servomechanisms) and a vertical regulation, that allows the positioning of the equipment (dumb-bells, bars etc) to the beginning of the exercise and the withdrawal of the same one to the end without changing position of the user.*

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3. *Gym work-out equipment for the training of the chest, deltoids, trapeziums and triceps muscle supplied of a moveable bench, as claimed in claim 1, characterized to having a mobile system of*

150 arms, equipped of an universal bracket system to position the equipment (dumb-bells, bars etc).

4. *Gym work-out equipment for the training of the chest, deltoids, trapeziums and triceps muscles supplied of a moveable bench, as claimed in claim 1, characterized to being equipped of a mobile system of arms, having an assist horizontal movement (servomechanisms) and a vertical regulation, that can be operated through a pneumatic air compressed system commanded from push buttons.*

160 5. *Gym work-out equipment for the training of the chest, deltoids, trapeziums and triceps muscles supplied of a moveable bench, as claimed in claim 1, characterized to being equipped of a mobile system of arms, having an assist horizontal movement (servomechanisms) and a vertical regulation, that can be operated through a mechanical system of levers and pulleys commanded from pedals.*

165 6. *Gym work-out equipment for the training of the chest, deltoids, trapeziums and triceps muscles supplied of a moveable bench, as claimed in claim 1, characterized to being equipped of a mobile system of arms, having an assist horizontal movement (servomechanisms) and a vertical regulation, that can be operated through an electromechanical system commanded from switchs.*

170 7. *Gym work-out equipment for the training of the chest, deltoids, trapeziums and triceps muscles supplied of a moveable bench, as claimed in claim 1, characterized to being equipped of a mobile*

system of arms, having an assist horizontal movement
175 (servomechanisms) and a vertical regulation, that can be operated through an electro-hydraulic system commanded from rods.

8. *Gym work-out equipment for the training of the chest, deltoids, trapeziums and triceps muscles supplied of a moveable bench, as claimed in previous claims, characterized to allowing the athlete more comfort as he can stay in the ideal position before, during and after the exercise, limiting efforts which often at the end of an exercise when an athlete is tired can cause inflammation and personal injury, not to mention psychological stress due to muscle strain.*

185 9. *Gym work-out equipment for the training of the chest, deltoids, trapeziums and triceps muscles supplied of a moveable bench, as claimed in previous claims, characterized to having the possibility to apply an electronic switchboard to the commands of servomechanisms, that are able to memorize the different positions chosen by the athlete according to the type of exercises to be done.*

190 10. *Gym work-out equipment for the training of the chest, deltoids, trapeziums and triceps muscles supplied of a moveable bench, as claimed in previous claims, characterized to being equipped of an adaptable foot rest of dimensions such to guarantee the support and the lodging of the devices that activate the commands and to assure the support of the feet during the development of the exercise.*

195 11. *Gym work-out equipment for the training of the chest, deltoids, trapeziums and triceps muscles supplied of a moveable bench, as*

claimed in previous claims, characterized to having side panels for
200 protection to guarantee the safety of passers-by who could
unintentionally come into contact with the mechanical or pneumatic
parts in movement.

12. *Gym work-out equipment for the training of the chest, deltoids,
trapeziums and triceps muscles supplied of a moveable bench, as
205 claimed in previous claims, characterized to having side panels for
protection of mechanical parts in movement, that can be used as
support for advertising material.*

13. *Gym work-out equipment for the training of the chest, deltoids,
trapeziums and triceps muscles supplied of a moveable bench, as
210 claimed in previous claims, characterized to allowing the exercises,
even with heavy weights, to be done without the help of a second
person.*

14. *Gym work-out equipment for the training of the chest, deltoids,
trapeziums and triceps muscles supplied of a moveable bench, as
215 claimed in previous claims, characterized to guaranteeing more safety
both actively and passively during the exercises thanks to a less
manual movement of the equipment.*